

Datasheet for ABIN7545120

## Vinexin Protein (AA 1-671) (His tag)



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### Overview

Quantity:	1 mg
Target:	Vinexin (Sorbs3)
Protein Characteristics:	AA 1-671
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Vinexin protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant SORBS3 Protein expressed in mammalian cells.
Sequence:	<p>             MQGPPRSLRA GLSLDDFIPG HLQSHIGSSS RGTRVPVIRN GGSNTLNFQF HDPAPRTVCN              GGYTPRRDAS QHPDPAWYQT WPGPGSKPSA STKIPASQHT QNWSATWTKD SKRRDKRWVK              YEGIGPVDES GMPIAPRSSV DRPRDWYRRM FQQIHRKMPD LQLDWTFEFP PRDPRHLGAQ              QRPAHRPGPA TSSSGRSWDH SEELPRSTFN YRPGAFSTVL QPSNQVLRRR EKVDNVWTEE              SWNQFLQELE TGQRPKKPLV DDPGEKPSQP IEVLLERELA ELSAELDKDL RAIETRLPSP              KSSPAPRRAP EQRPPAGPAS AWSSSYHAP YLGARSLSLSP HKMADGGSPF LGRDRFVYPS              STRDPSASNG GGSPARREEK KRKAARLKFD FQAQSPKELT LQKGDIVYIH KEVDKNWLEG              EHHGRLGIFP ANYVEVLPAE EIPKPIKPPT YQVLEYGEAV AQYTFKGDLE VELSFRTKEH              ICLIRKVNEN WYEGRITGTG RQGIFPASYV QVSREPRRL CDDGPQLPTS PRLTAAARSA              RHPSSPSALR SPADPIDLGG QTSRRTGFS FPTQEPRPQT QNLGTPGPAL SHSRGPSHPL              DLGTSSPNTS QIHWTPYRAM YQYRPQNEDE LELREGDRVD VMQQCDDGWF VGVSRRTQKF              GTFPGNYVAP V <b>Sequence without tag. The proposed Purification-Tag is based on</b> </p>

## Product Details

**experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	Vinexin (Sorbs3)
Alternative Name:	SORBS3 ( <a href="#">Sorbs3 Products</a> )
Background:	Vinexin (SH3-containing adapter molecule 1) (SCAM-1) (Sorbin and SH3 domain-containing protein 3),FUNCTION: Vinexin alpha isoform promotes up-regulation of actin stress fiber formation. Vinexin beta isoform plays a role in cell spreading and enhances the activation of JNK/SAPK in response to EGF stimulation by using its third SH3 domain.
Molecular Weight:	75.3 kDa
UniProt:	<a href="#">O60504</a>
Pathways:	<a href="#">MAPK Signaling</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months